

# UK RACING CASTINGS

Precision sand castings in magnesium or aluminium alloys from a UK foundry.

**Please Note:**

*UK Racing Castings makes no warranty whatsoever, as to the correctness of the information provided herein and accepts no risks or liability for any person(s) relying on the content.*

## Magnesium Alloy Composition

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Magnesium cast alloys		Chemical composition (mass %)
Abbreviation	Designation	
G-MgAl8Zn1	AZ81	Aluminium 7,0 - 8,5 Zn 0,3 - 1,0 Mn 0,1 - 0,3 Mg remainder
G-MgAl9Z1	AZ91	Aluminium 8,0 - 9,5 Zn 0,3 - 1,0 Mn 0,1 - 0,3 Mg remainder
G-MgAl6	A6	Aluminium 5,5 - 6,5 Mn 0,1 - 0,4 Mg remainder
GD-MgAl6Zn1	AZ61	Aluminium 5,5 - 6,5 Zn 0,2 - 1,0 Mn 0,1 - 0,4 Mg remainder
GD-MgAl4Si1	AS41	Aluminium 4,0 - 5,0 Si 0,4 - 1,0 Mn 0,2 - 0,5 Mg remainder
G-MgZn4SE1Zr1 **)	RZ5	Zn 3,5 - 5,0 SE 0,8 - 1,7 Zr 0,4 - 1,0 Mg remainder
G-MgZn5Th2Zr1	TZ6	Zn 4,8 - 6,2 Th 1,5 - 2,0 Zr 0,4 - 1,0 Mg remainder
G-MgSE3Zn2Zr1	ZRE1	SE 2,5 - 4,0 Zn 0,8 - 3,0 Zr 0,4 - 1,0 Mg remainder
G-MgTh3Zn2Zr1	ZT1	Th 2,7 - 3,3 Zn 1,7 - 2,7 Zr 0,4 - 1,0 Mg remainder
G-MgAg3SE2Zr1 * **)	MSR	AG 2,0 - 3,0 SE 1,8 - 2,5 Zr 0,4 - 1,0 Mg remainder